CLIUTL

```
RRRRRRRR   EEEEEEEEEE  NN      NN   AAAAAA    MM      MM  EEEEEEEEEE
RRRRRRRR   EEEEEEEEEE  NN      NN   AAAAAA    MM      MM  EEEEEEEEEE
RR     RR  EE          NN      NN  AA     AA  MMMM  MMMM  EE
RR     RR  EE          NN      NN  AA     AA  MMMM  MMMM  EE
RR     RR  EE          NNNN    NN  AA     AA  MM MM MM    EE
RR     RR  EE          NNNN    NN  AA     AA  MM MM MM    EE
RRRRRRRR   EEEEEEE     NN  NN  NN  AA     AA  MM      MM  EEEEEEE
RRRRRRRR   EEEEEEE     NN  NN  NN  AA     AA  MM      MM  EEEEEEE
RR  RR     EE          NN    NNNN  AAAAAAAAAA MM      MM  EE
RR  RR     EE          NN    NNNN  AAAAAAAAAA MM      MM  EE
RR     RR  EE          NN      NN  AA     AA  MM      MM  EE
RR     RR  EE          NN      NN  AA     AA  MM      MM  EE
RR     RR  EEEEEEEEEE  NN      NN  AA     AA  MM      MM  EEEEEEEEEE  ....
RR     RR  EEEEEEEEEE  NN      NN  AA     AA  MM      MM  EEEEEEEEEE  ....
                                                                     ....
                                                                     ....

MM      MM  AAAAAA    PPPPPPPP
MM      MM  AAAAAA    PPPPPPPP
MMMM  MMMM AA     AA  PP     PP
MMMM  MMMM AA     AA  PP     PP
MM MM MM   AA     AA  PP     PP
MM MM MM   AA     AA  PP     PP
MM      MM AA     AA  PPPPPPPP
MM      MM AA     AA  PPPPPPPP
MM      MM AAAAAAAAAA PP
MM      MM AAAAAAAAAA PP
MM      MM AA     AA  PP
MM      MM AA     AA  PP
MM      MM AA     AA  PP
MM      MM AA     AA  PP
```

```
                              +------------------------------+
                              ! Object Module Synopsis !
                              +------------------------------+
```

Module Name	Ident	Bytes	File	Creation Date	Creator
RENAME	V04-000	729	_255DUA28:[CLIUTL.OBJ]CLIUTL.OLB;1	16-Sep-1984 00:25	VAX-11 Bliss-32 V4.0-742
RENAMEMSG	0	42	_255DUA28:[CLIUTL.OBJ]CLIUTL.OLB;1	16-SEP-1984 01:52	VAX-11 Message V04-00
CVTTIME	V04-000	996	_255DUA28:[CLIUTL.OBJ]CLIUTL.OLB;1	15-SEP-1984 23:39	VAX/VMS Macro V04-00
COMMON_FILE_QUALIFIERS					
	V04-000	2915	_255DUA28:[SYSLIB]SYSBLDLIB.OLB;1	16-Sep-1984 02:23	VAX-11 Bliss-32 V4.0-742
MATCH	V04-000	698	_255DUA28:[SYSLIB]SYSBLDLIB.OLB;1	16-SEP-1984 02:18	VAX/VMS Macro V04-00
MATCHNAME	V04-000	72	_255DUA28:[SYSLIB]SYSBLDLIB.OLB;1	16-SEP-1984 02:18	VAX/VMS Macro V04-00
CLI$INTERFACE	V04-000	516	_255DUA28:[SYSLIB]STARLET.OLB;2	16-Sep-1984 00:32	VAX-11 Bliss-32 V4.0-742
CLI$GLOBALS	V04-000	0	_255DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:38	VAX/VMS Macro V04-00
LIB$MSGDEF	2-018	0	_255DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:43	VAX-11 Message V04-00
SYS$P1_VECTOR	V04-000	0	_255DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:40	VAX/VMS Macro V04-00
LIBRTL	V04-000	0	_255DUA28:[SYSLIB]LIBRTL.EXE;1	16-SEP-1984 04:00	VAX-11 Linker V04-00

```
                           +-----------------------------+
                           ! Image Section Synopsis !
                           +-----------------------------+
```

Cluster	Type	Pages	Base Addr	Disk VBN	PFC	Protection and Paging	Global Sec. Name	Match	Majorid	Minorid
DEFAULT_CLUSTER	0	12	000C0200	2	0	READ ONLY				
	0	1	P-00001A00	14	0	READ WRITE COPY ON REF				
	0	1	00001C00	15	0	READ WRITE FIXUP VECTORS				
	253	20	7FFFD800	0	0	READ WRITE DEMAND ZERO				
LIBRTL	3	111	00000000-R	0	0	READ ONLY	LIBRTL_001	LESS/EQUAL	1	11
	4	1	0000DE00-R	0	0	READ WRITE DEMAND ZERO	LIBRTL_002	LESS/EQUAL	1	11

```
        Key for special characters above:
             +-----------------------+
             ! R  - Relocatable !
             ! P  - Protected    !
             +-----------------------+
```

```
                              +------------------------------+
                              ! Program Section Synopsis !
                              +------------------------------+
```

Psect Name	Module Name	Base	End	Length		Align	Attributes
$CODE		00000200	000012EE	00001GEF (	4335.)	LONG 2	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
	RENAME	00000200	000004D8	000002D9 (	729.)	LONG 2	
	COMMON_FILE_QUALIFIERS						
		000004DC	00001034	00000B59 (	2905.)	LONG 2	
	MATCH	0C001035	000012EE	000002BA (	698.)	BYTE 0	
$CODE$		000012F0	000014F3	00000204 (	516.)	LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	CLI$INTERFACE	000012F0	000014F3	00000204 (	516.)	LONG 2	
_CNVCLI_CODE		000014F4	0000184B	00000358 (	856.)	LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	CVTTIME	000014F4	0000184B	00000358 (	856.)	LONG 2	
_CNVCLI_STATE		0000184C	000018D7	0000008C (	140.)	BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	CVTTIME	0000184C	000018D7	0000008C (	140.)	BYTE 0	
_LIB$CODE		000018D8	0000191F	00000048 (	72.)	BYTE 0	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
	MATCHNAME	000018D8	0000191F	00000048 (	72.)	BYTE 0	
_LIB$KEYO$		00001920	00001920	00000000 (	0.)	WORD 1	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
	COMMON_FILE_QUALIFIERS						
		00001920	00001920	00000000 (	0.)	WORD 1	
_LIB$STATE$		00001920	00001929	0000000A (	10.)	WORD 1	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
	COMMON_FILE_QUALIFIERS						
		00001920	00001929	0000000A (	10.)	WORD 1	
MSGPTR$AAAAAAAA		00001A00	00001A0F	00000010 (	16.)	LONG 2	PIC,USR,OVR,REL,LCL,NOSHR,NOEXE, RD, WRT, VEC
	RENAMEMSG	00001A00	00001A0F	00000010 (	16.)	LONG 2	
MSGPTR$AAAAAAAB		00001A10	00001A13	00000004 (	4.)	LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT, VEC
	RENAMEMSG	00001A10	00001A13	00000004 (	4.)	LONG 2	
MSGPTR$AAAAAAAC		00001A14	00001A17	00000004 (	4.)	LONG 2	PIC,USR,OVR,REL,LCL,NOSHR,NOEXE, RD, WRT, VEC
	RENAMEMSG	00001A14	00001A17	00000004 (	4.)	LONG 2	
MSGPTR$SECTION		00001A18	00001A29	00000012 (	18.)	BYTE 0	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT, VEC
	RENAMEMSG	00001A18	00001A29	00000012 (	18.)	BYTE 0	

```
+--------------------------------+
! Symbol Cross Reference !
+--------------------------------+
```

Symbol	Value	Defined By	Referenced By ...
CLI$DCL_PARSE	000013BF-R	CLI$INTERFACE	
CLI$DISPATCH	00001470-R	CLI$INTERFACE	
CLI$GET_VALUE	00001333-R	CLI$INTERFACE	COMMON_FILE_QUALIFIERS RENAME
CLI$NEXT_QUAL	000014B1-R	CLI$INTERFACE	
CLI$PRESENT	000012F0-R	CLI$INTERFACE	COMMON_FILE_QUALIFIERS RENAME
CLI$_ABSENT	000381F0	CLI$GLOBALS	CLI$INTERFACE
CLI$_COMMA	0003FD39	CLI$GLOBALS	CLI$INTERFACE
CLI$_CONCAT	0003FD29	CLI$GLOBALS	CLI$INTERFACE
CLI$_CONFQUAL	000312E4	COMMON_FILE_QUALIFIERS	
CLI$_DEFAULTED	0003FD21	CLI$GLOBALS	CLI$INTERFACE
CLI$_INVQUAVAL	0003132C	COMMON_FILE_QUALIFIERS	
CLI$_LOCNEG	00038230	CLI$GLOBALS	CLI$INTERFACE
CLI$_LOCPRES	0003FD31	CLI$GLOBALS	CLI$INTERFACE
CLI$_NEGATED	000381F8	CLI$GLOBALS	CLI$INTERFACE
CLI$_NOCOMD	000380B0	CLI$GLOBALS	CLI$INTERFACE
CLI$_NOSUCHID	0003135C	COMMON_FILE_QUALIFIERS	
CLI$_PRESENT	0003FD19	CLI$GLOBALS	CLI$INTERFACE
CLI$_QUALMISS	00031344	COMMON_FILE_QUALIFIERS	
CQ_UIC_KEYS	00001920-R	COMMON_FILE_QUALIFIERS	
CQ_UIC_STATES	00001920-R	COMMON_FILE_QUALIFIERS	
DCL$SCOPY_DXDX	00000000		WK-CVTTIME
FMG$MATCH_NAME	000018D8-R	MATCHNAME	MATCH
LIB$CONFIRM_ACT	00000BC3-R	COMMON_FILE_QUALIFIERS	
LIB$CVT_ATIME	00001679-R	CVTTIME	
LIB$CVT_DTB	00001C54-RX	LIBRTL	MATCH
LIB$CVT_DTIME	000016A4-R	CVTTIME	
LIB$CVT_TIME	00001538-R	CVTTIME	COMMON_FILE_QUALIFIERS
LIB$FREE_VM	00001C74-RX	LIBRTL	CLI$INTERFACE COMMON_FILE_QUALIFIERS
LIB$GET_COMMAND	00001C58-RX	LIBRTL	COMMON_FILE_QUALIFIERS
LIB$GET_VM	00001C78-RX	LIBRTL	CLI$INTERFACE COMMON_FILE_QUALIFIERS
LIB$QUAL_FILE_END	00000FD1-R	COMMON_FILE_QUALIFIERS	RENAME
LIB$QUAL_FILE_MATCH	00000D68-R	COMMON_FILE_QUALIFIERS	RENAME
LIB$QUAL_FILE_PARSE	00000908-R	COMMON_FILE_QUALIFIERS	RENAME
LIB$RENAME_FILE	00001C5C-RX	LIBRTL	CVTTIME
LIB$SCOPY_DXDX	00001C60-RX	LIBRTL	COMMON_FILE_QUALIFIERS RENAME
LIB$SIGNAL	00001C68-RX	LIBRTL	COMMON_FILE_QUALIFIERS
LIB$SIG_TO_RET	00001C6C-RX	LIBRTL	RENAME
LIB$STOP	00001C64-RX	LIBRTL	COMMON_FILE_QUALIFIERS
LIB$TPARSE	00001C70-RX	LIBRTL	COMMON_FILE_QUALIFIERS RENAME
LIB$_FILFAIMAT	00159008	LIB$MSGDEF	COMMON_FILE_QUALIFIERS
LIB$_INTLOGERR	0015822C	LIB$MSGDEF	COMMON_FILE_QUALIFIERS
LIB$_INVARG	00158234	LIB$MSGDEF	COMMON_FILE_QUALIFIERS
LIB$_INVXAB	001583A4	LIB$MSGDEF	COMMON_FILE_QUALIFIERS
LIB$_NEGANS	00159010	LIB$MSGDEF	COMMON_FILE_QUALIFIERS RENAME
LIB$_QUICONACT	00159020	LIB$MSGDEF	COMMON_FILE_QUALIFIERS RENAME
LIB$_QUIPRO	00159018	LIB$MSGDEF	COMMON_FILE_QUALIFIERS
MATCH	00001035-R	MATCH	
MATCH_DIRECTORY	00001118-R	MATCH	
MATCH_FILENAME	000010A7-R	MATCH	

Symbol	Value	Defined By	Referenced By ...
RENAME$_FACILITY	00000090	RENAMEMSG	RENAME
RENAME$_NOTRENAMED	0090800A	RENAMEMSG	RENAME
RENAME$_NOTSAMEDEV	00908012	RENAMEMSG	CLI$INTERFACE
STR$ANALYZE_SDESC	00001C4C-RX	LIBRTL	CLI$INTERFACE
STR$COPY_DX	00001C48-RX	LIBRTL	COMMON_FILE_QUALIFIERS
STR$UPCASE	00001C50-RX	LIBRTL	CVTTIME
SYS$ASCTIM	7FFEDE48	SYS$P1_VECTOR	CVTTIME
SYS$BINTIM	7FFEDE58	SYS$P1_VECTOR	CLI$INTERFACE
SYS$CLI	7FFEDE18	SYS$P1_VECTOR	COMMON_FILE_QUALIFIERS
SYS$CLOSE	7FFEE1B8	SYS$P1_VECTOR	COMMON_FILE_QUALIFIERS
SYS$FAOL	7FFEDF58	SYS$P1_VECTOR	COMMON_FILE_QUALIFIERS
SYS$GETJPI	7FFEE0D8	SYS$P1_VECTOR	CVTTIME
SYS$GETTIM	7FFEDF78	SYS$P1_VECTOR	COMMON_FILE_QUALIFIERS
SYS$OPEN	7FFEE208	SYS$P1_VECTOR	COMMON_FILE_QUALIFIERS
SYS$PARSE	7FFEE230	SYS$P1_VECTOR	RENAME
SYS$UNWIND	7FFEE070	SYS$P1_VECTOR	

```
                                    +---------------------+
                                    ! Symbols By Value !
                                    +---------------------+


Value                                        Symbols...
-----                                        ----------
00000090            RENAME$_FACILITY
00000908        R-LIB$QUAL_FILE_PARSE
00000BC3        R-LIB$CONFIRM_ACT
00000D68        R-LIB$QUAL_FILE_MATCH
00000FD1        R-LIB$QUAL_FILE_END
00001035        R-MATCH
000010A7        R-MATCH_FILENAME
00001118        R-MATCH_DIRECTORY
000012F0        R-CLI$PRESENT
00001333        R-CLI$GET_VALUE
000013BF        R-CLI$DCL_PARSE
00001470        R-CLI$DISPATCH
000014B1        R-CLI$NEXT_QUAL
00001538        R-LIB$CVT_TIME
00001679        R-LIB$CVT_ATIME
000016A4        R-LIB$CVT_DTIME
000018DB        R-FMG$MATCH_NAME
00001920        R-CQ_UIC_KEYS              R-CQ_UIC_STATES
00001C48       RX-STR$COPY_DX
00001C4C       RX-STR$ANALYZE_SDESC
00001C50       RX-STR$UPCASE
00001C54       RX-LIB$CVT_DTB
00001C58       RX-LIB$GET_COMMAND
00001C5C       RX-LIB$RENAME_FILE
00001C60       RX-LIB$SCOPY_DXDX
00001C64       RX-LIB$STOP
00001C68       RX-LIB$SIGNAL
00001C6C       RX-LIB$SIG_TO_RET
00001C70       RX-LIB$TPARSE
00001C74       RX-LIB$FREE_VM
00001C78       RX-LIB$GET_VM
000312E4           CLI$_CONFQUAL
0003132C           CLI$_INVQUAVAL
00031344           CLI$_QUALMISS
0003135C           CLI$_NOSUCHID
000380B0           CLI$_NOCOMD
000381F0           CLI$_ABSENT
000381F8           CLI$_NEGATED
00038230           CLI$_LOCNEG
0003FD19           CLI$_PRESENT
0003FD21           CLI$_DEFAULTED
0003FD29           CLI$_CONCAT
0003FD31           CLI$_LOCPRES
0003FD39           CLI$_COMMA
0015822C           LIB$_INTLOGERR
00158234           LIB$_INVARG
001583A4           LIB$_INVXAB
00159008           LIB$_FILFAIMAT
00159010           LIB$_NEGANS
```

Value   Symbols...
-----   ----------
00159018   LIB$_QUIPRO
00159020   LIB$_QUICONACT
0090800A   RENAME$_NOTRENAMED
00908012   RENAME$_NOTSAMEDEV
7FFEDE18   SYS$CLI
7FFEDE48   SYS$ASCTIM
7FFEDE58   SYS$BINTIM
7FFEDF58   SYS$FAOL
7FFEDF78   SYS$GETTIM
7FFEE070   SYS$UNWIND
7FFEE0D8   SYS$GETJPI
7FFEE1B8   SYS$CLOSE
7FFEE208   SYS$OPEN
7FFEE230   SYS$PARSE

        Key for special characters above:
        +----------------------+
        | * - Undefined |
        | U - Universal |
        | R - Relocatable |
        | X - External |
        +----------------------+

```
                                                +------------------+
                                                ! Image Synopsis !
                                                +------------------+

Virtual memory allocated:                       00000200 00001DFF 00001C00 (7168. bytes, 14. pages)
Stack size:                                            20. pages
Image header virtual block limits:                      1.        1. (      1. block)
Image binary virtual block limits:                      2.       15. (     14. blocks)
Image name and identification:                  RENAME V04-000
Number of files:                                        5.
Number of modules:                                     11.
Number of program sections:                            15.
Number of global symbols:                             297.
Number of cross references:                           122.
Number of image sections:                               6.
User transfer address:                          00000212
Number of code references to shareable images:         13.
Image type:                                     EXECUTABLE.
Map format:                                     FULL WITH CROSS REFERENCE in file _$255$DUA28:[CLIUTL.LIS]RENAME.MAP;1
Estimated map length:                           81. blocks
                                                +------------------------+
                                                ! Link Run Statistics !
                                                +------------------------+

Performance Indicators                          Page Faults   CPU Time        Elapsed Time
----------------------                          -----------   --------        ------------
       Command processing:                               75   00:00:00.16     00:00:00.40
       Pass 1:                                          153   00:00:01.35     00:00:11.30
       Allocation/Relocation:                            33   00:00:00.15     00:00:01.19
       Pass 2:                                           42   00:00:00.58     00:00:04.34
       Map data after object module synopsis:            13   00:00:00.56     00:00:00.63
       Symbol table output:                               1   00:00:00.04     00:00:00.44
Total run values:                                       317   00:00:02.84     00:00:18.30

Using a working set limited to 1200 pages and 66 pages of data storage (excluding image)

Total number object records read (both passes):   391
      of which 188 were in libraries and 9 were DEBUG data records containing 664 bytes

Number of modules extracted explicitly            = 3
      with 7 extracted to resolve undefined symbols

44 library searches were for symbols not in the library searched

A total of 0 global symbol table records was written

LINK/USERLIB=PROC/EXE=EXE$:RENAME/MAP=MAP$:RENAME/CROSS/FULL/NOTRACE LIB$:CLIUTL/INCL=(RENAME,RENAMEMSG,CVTTIME)/LIB
```

RENAME
MAP

SETP0
MAP

UNLOCK
MAP

SHOW
MAP

QUEMAN
MAP

SET
MAP

CLIUTL

CREATE
MAP

SHWCLCMD
CLD

SHWCLSTR
MAP

TYPE
MAP

RUNDET
MAP

SUBMIT
MAP